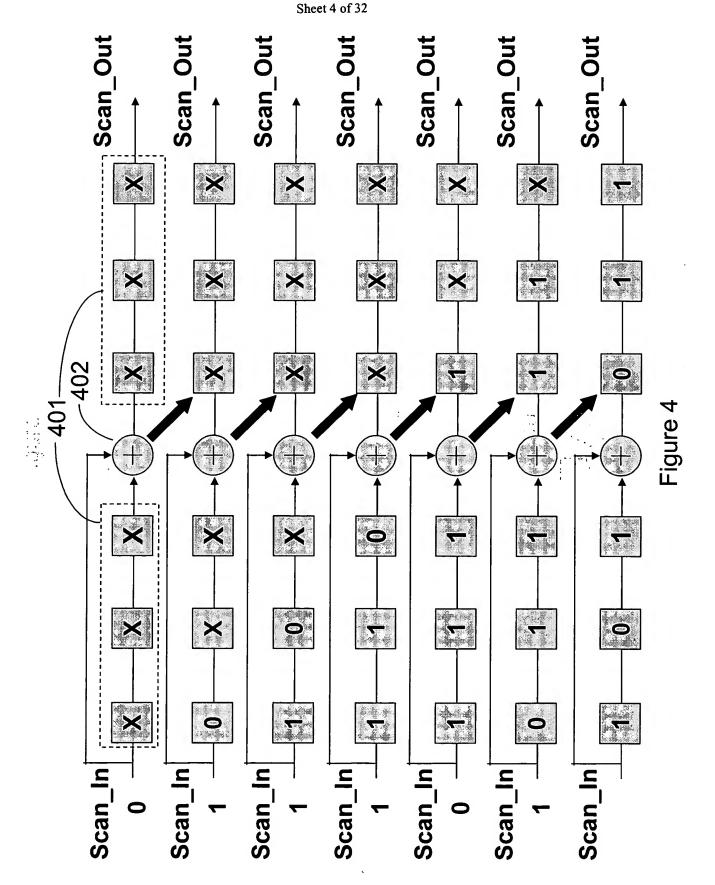
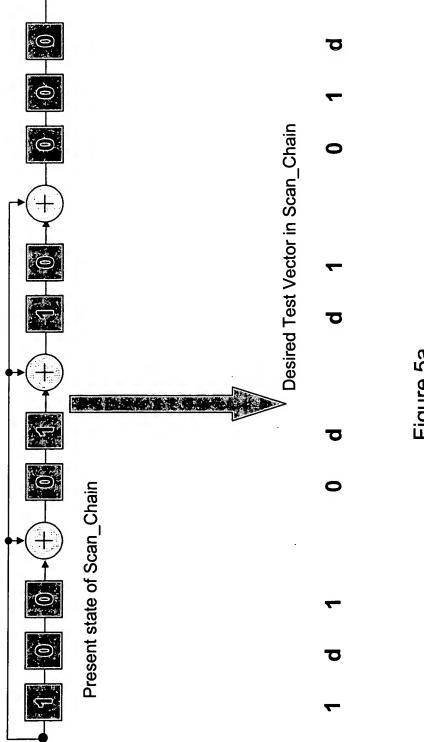
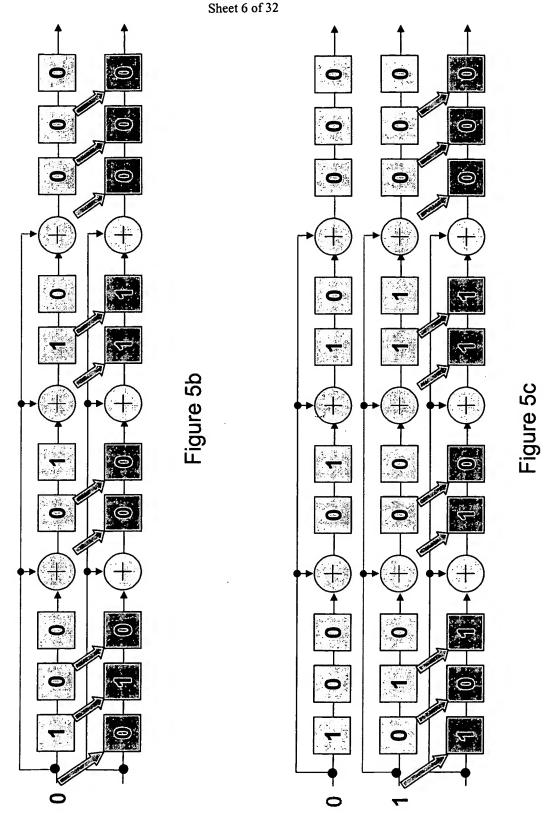


41567-199588 ACCELERATED SCAN CIRCUITR AND METHOD FOR REDUCING SCAN..... Sheet 3 of 32 Scan\_Out -305 -307 303 Figure 3 -306 Scan\_In

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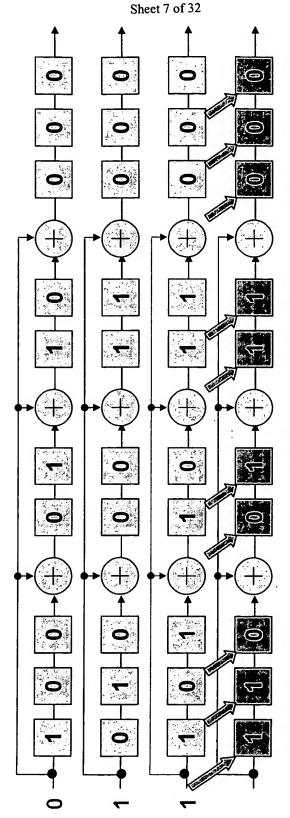
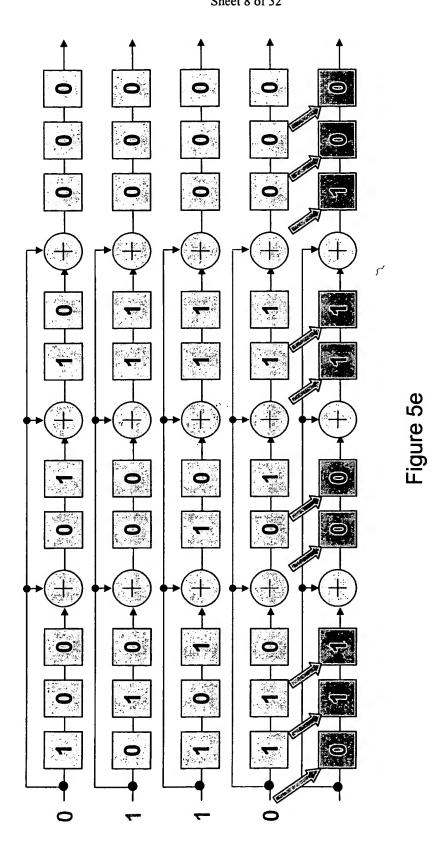
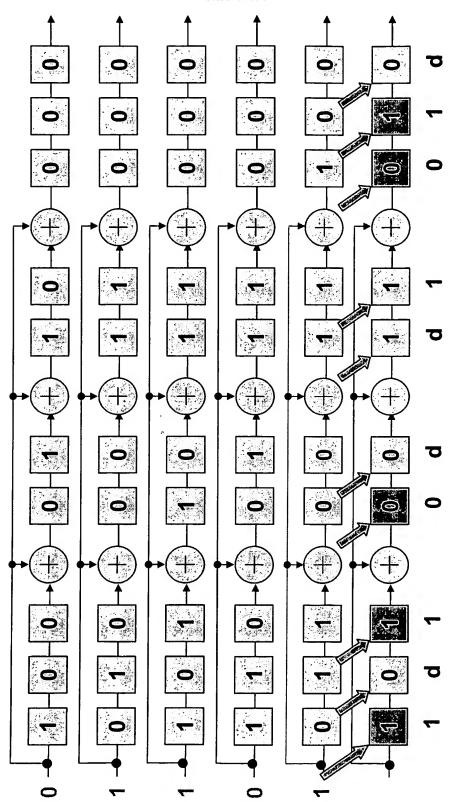


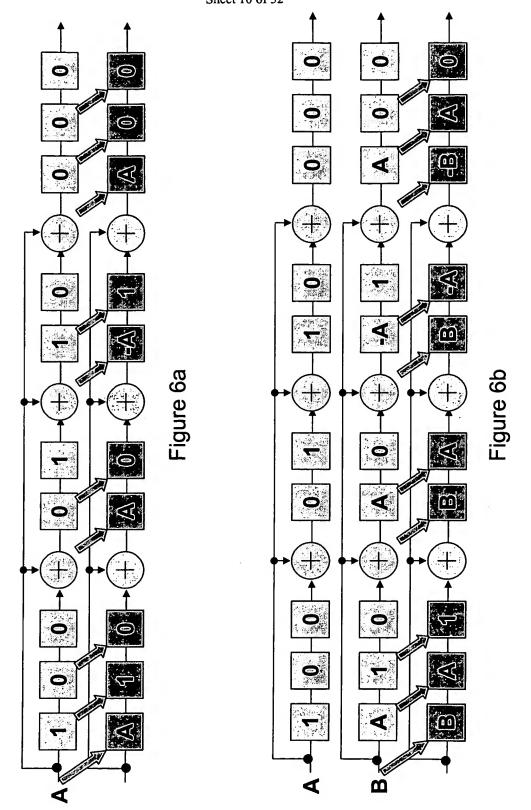
Figure 5d

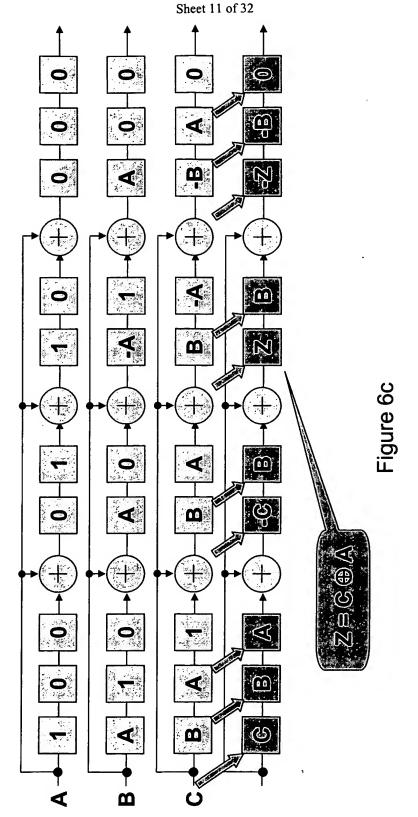


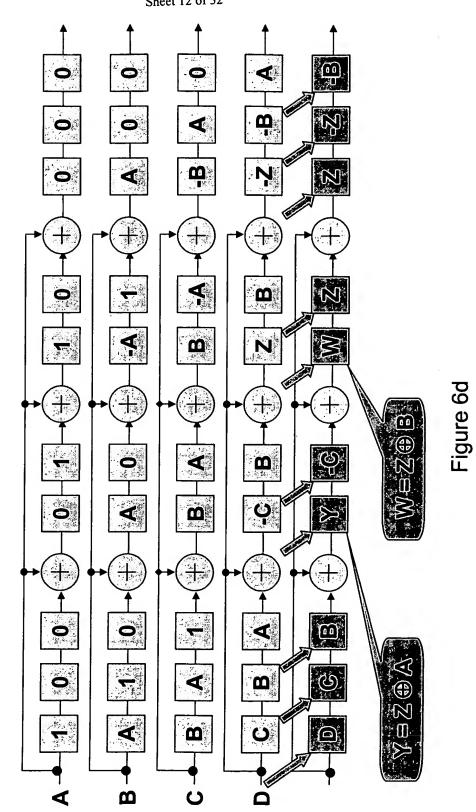
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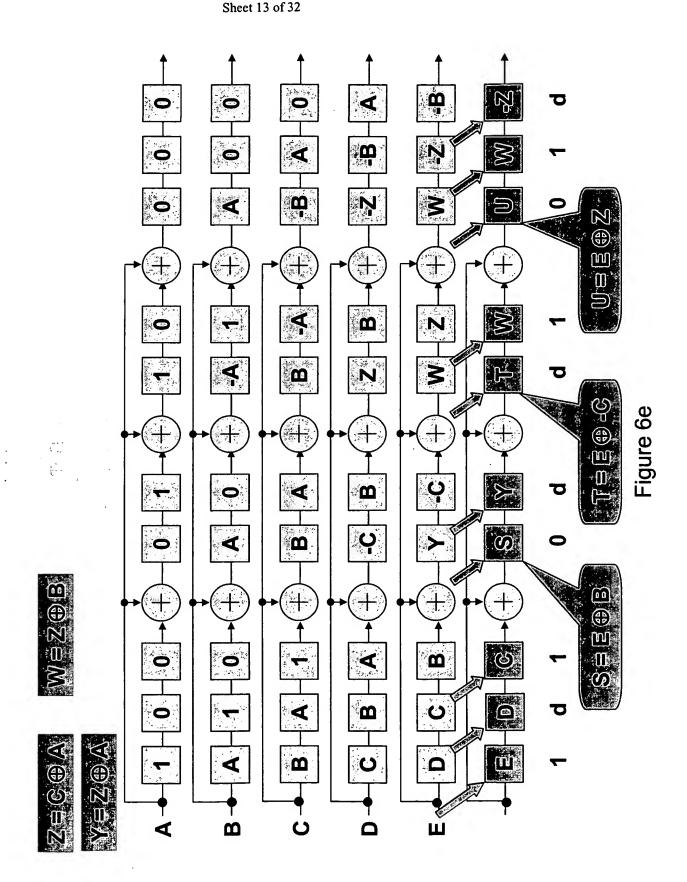
-igure 5f

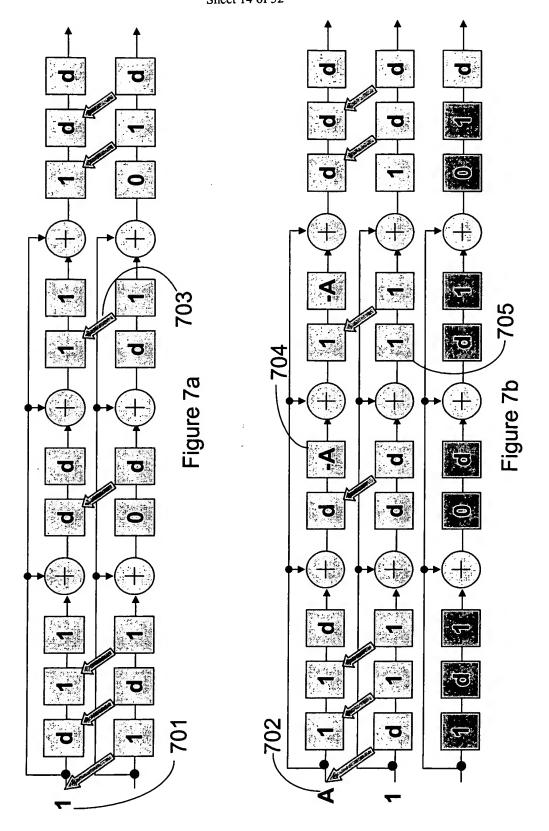


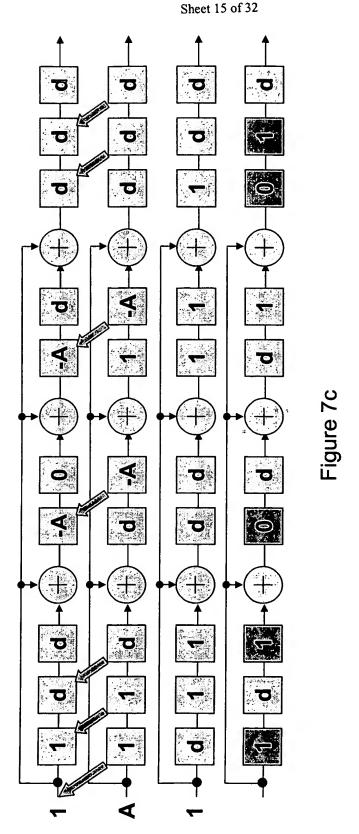




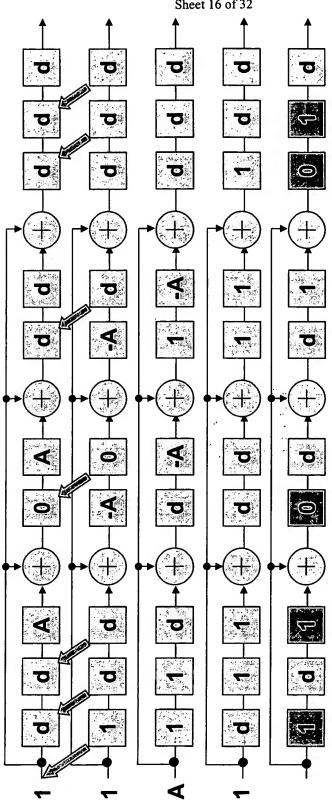


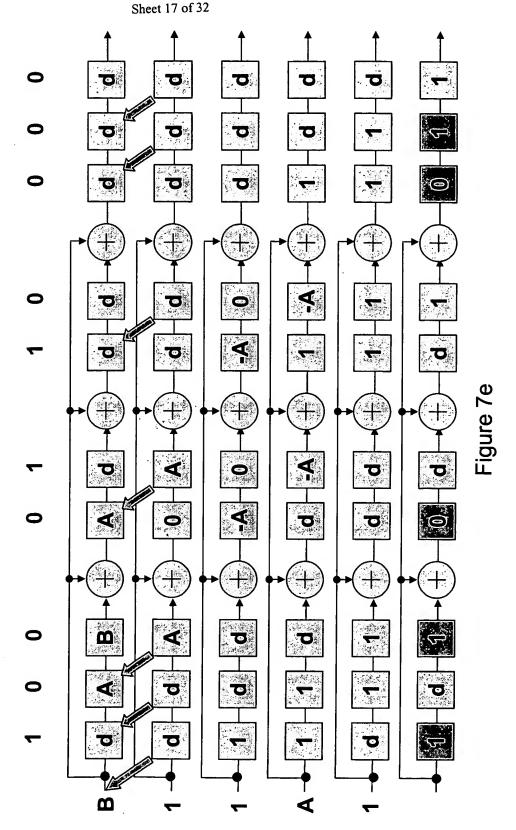






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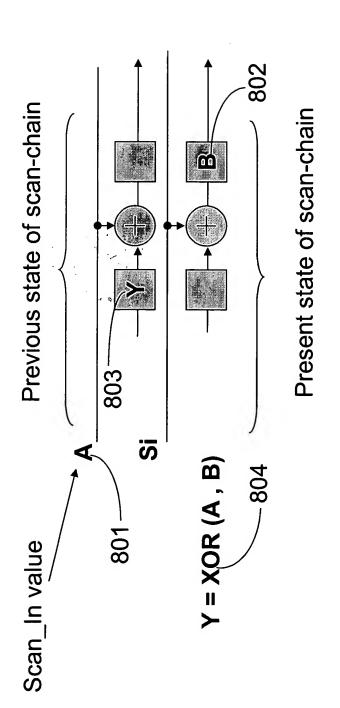
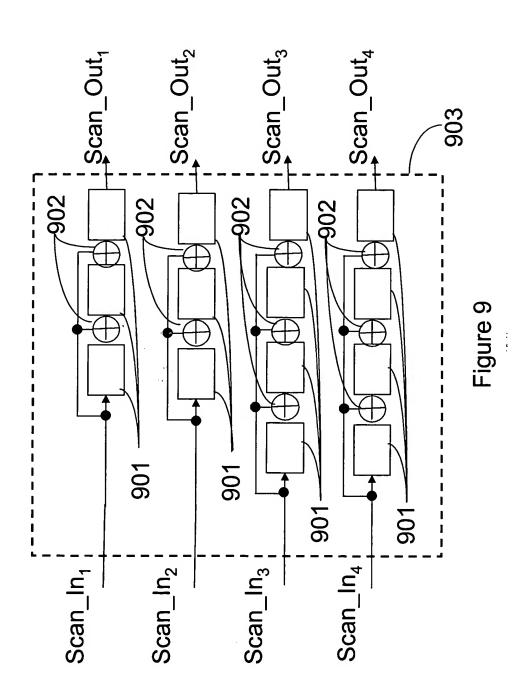


Figure 8



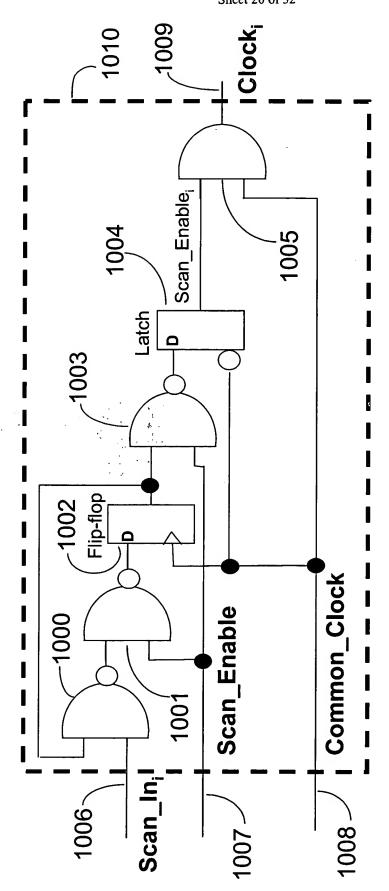
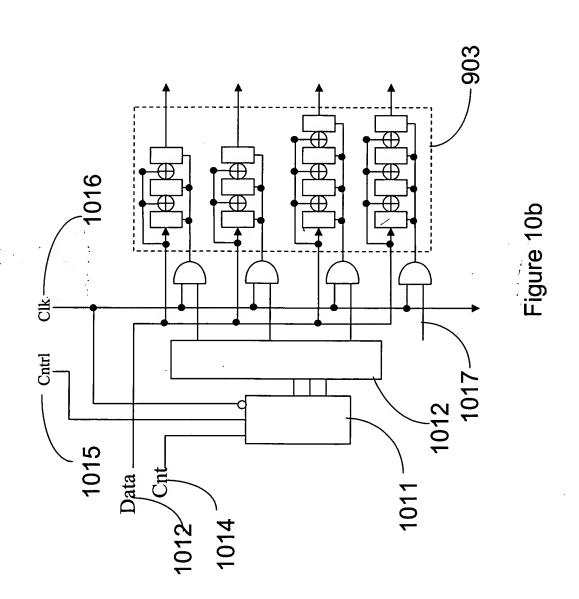
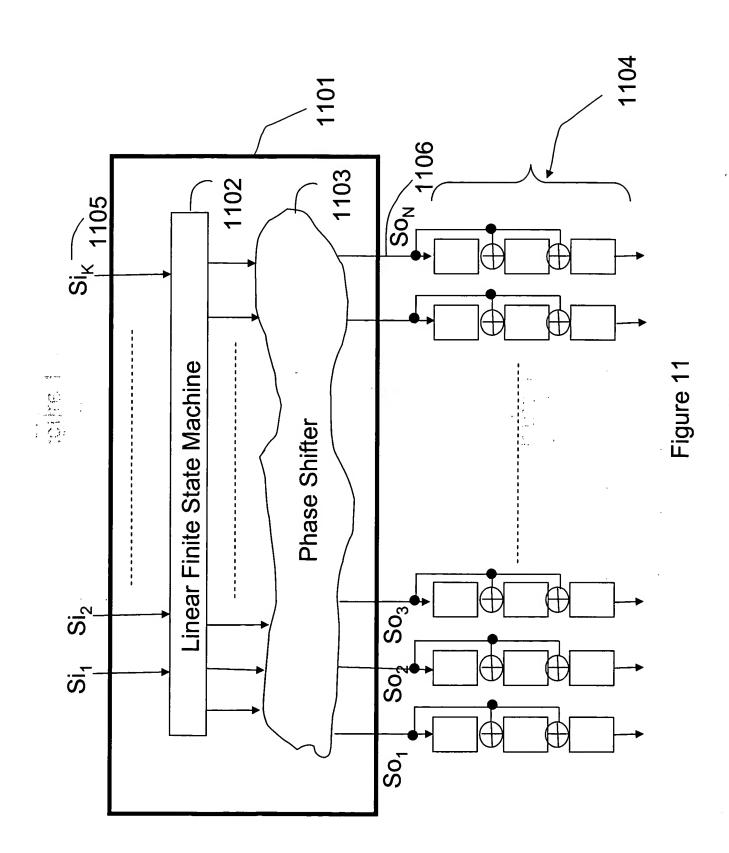


Figure 10a





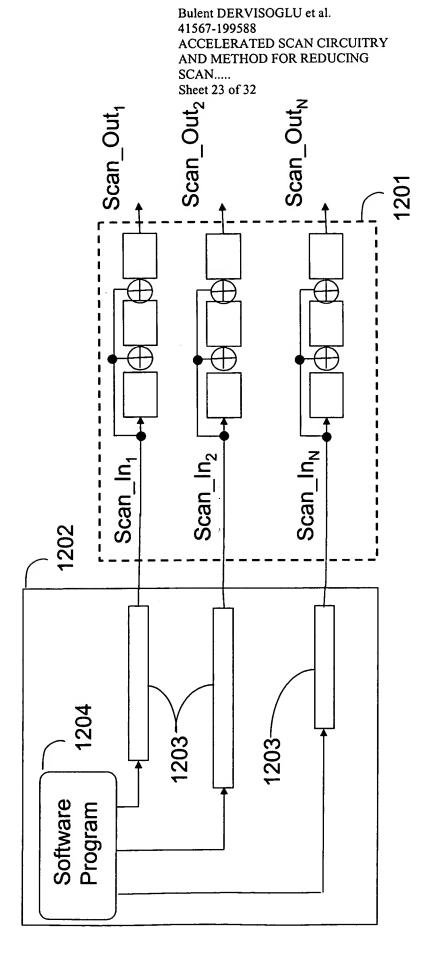
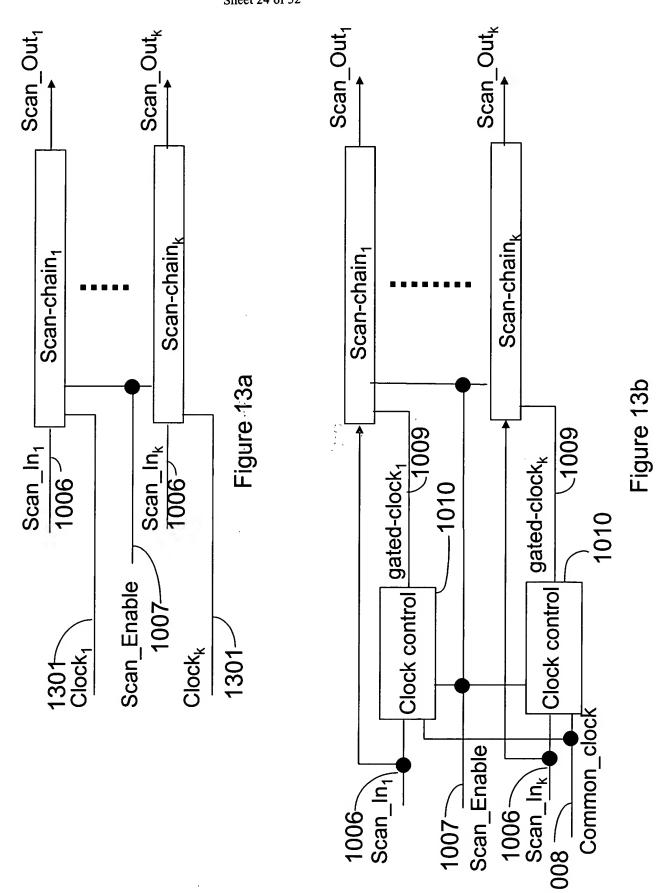
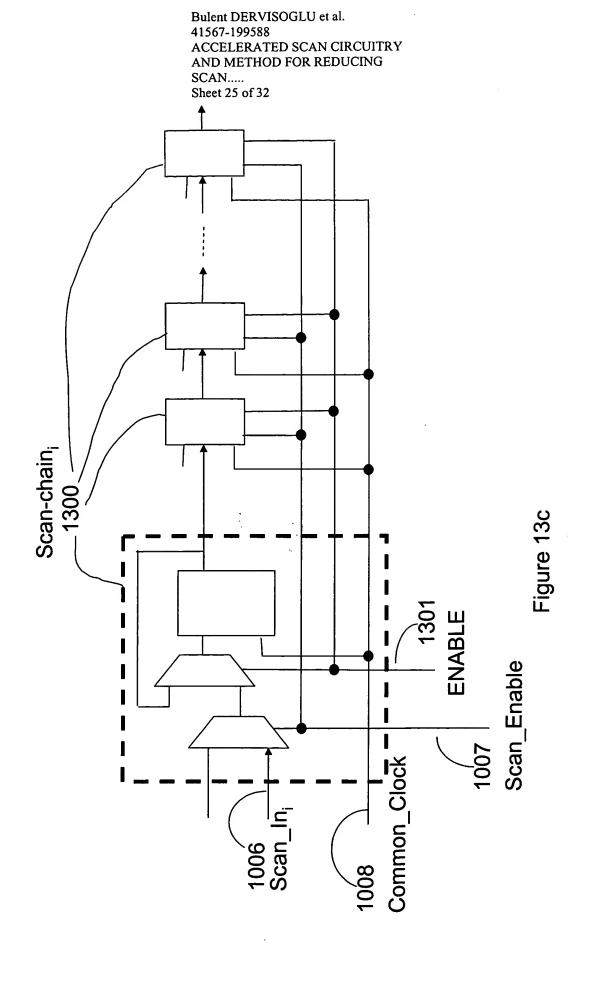
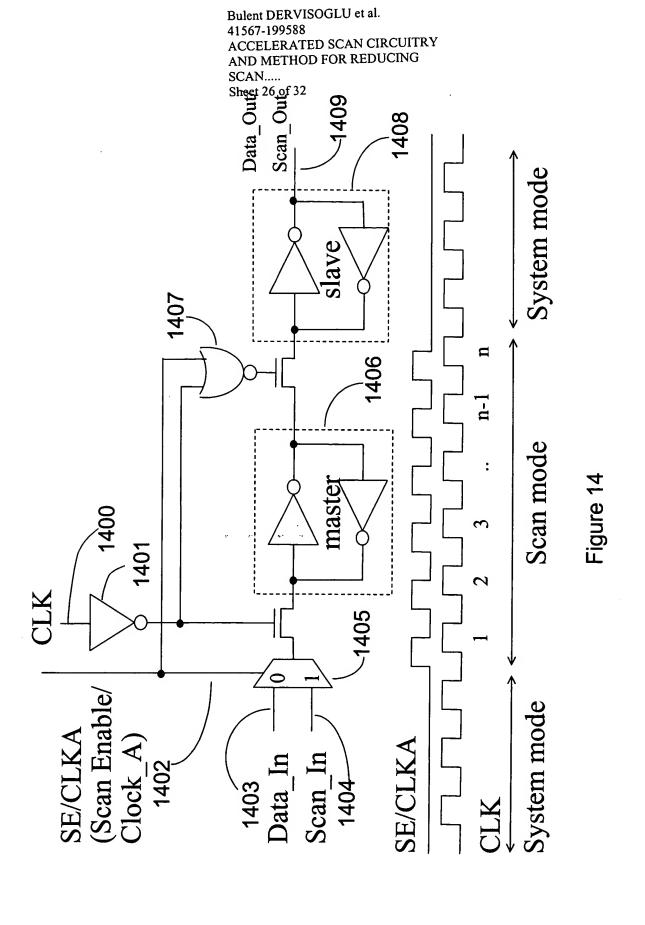


Figure 12



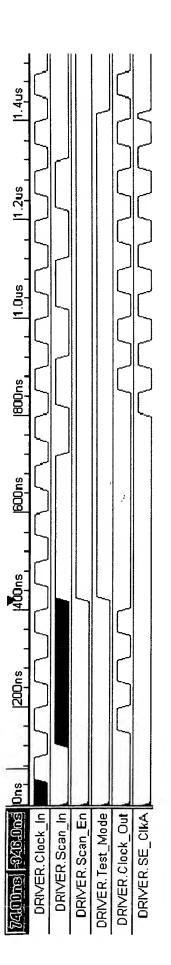




ACCELERATED SCAN CIRCUITR AND METHOD FOR REDUCING SCAN..... Sbeet 27 of 32 SE/CLKA Scan\_Out Clock<sub>i</sub> 1500 Scan-Chain  $S_{\rm e} = 0.00$ 1505-Clock\_A 1504-Latch 1507 Figure 15a 1506 Common\_Clock 000 Scan\_Enable Scan\_Ini SE/CLKA<sub>i</sub> 1006 1007 Clock<sub>i</sub> 1008 Scan<u>I</u> In<sub>i</sub> 1006

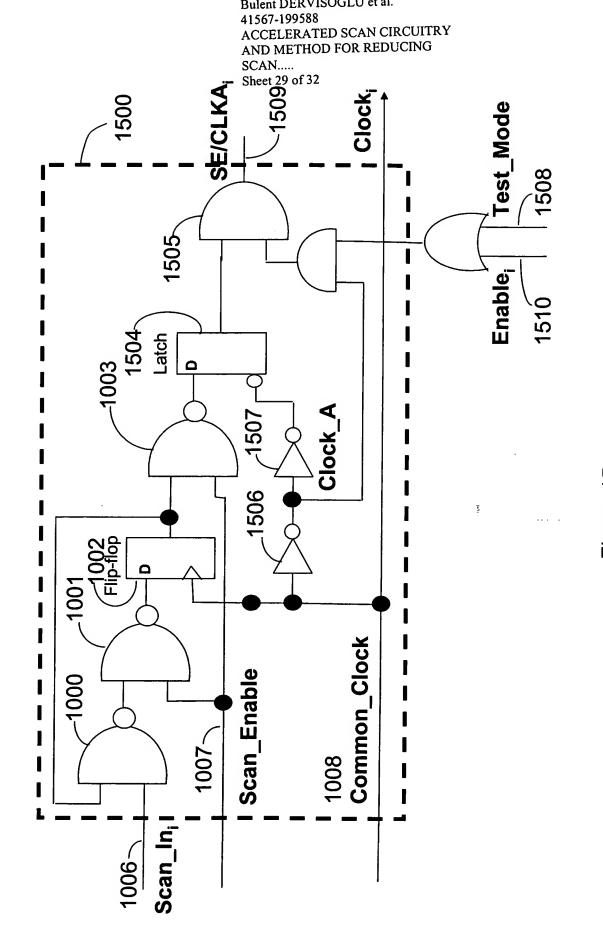
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Figure 15b



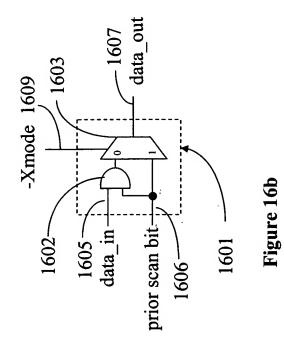
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Figure 15c

MISR 1611-1601 xmode xmode 1605 data clk enable

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Figure 16a



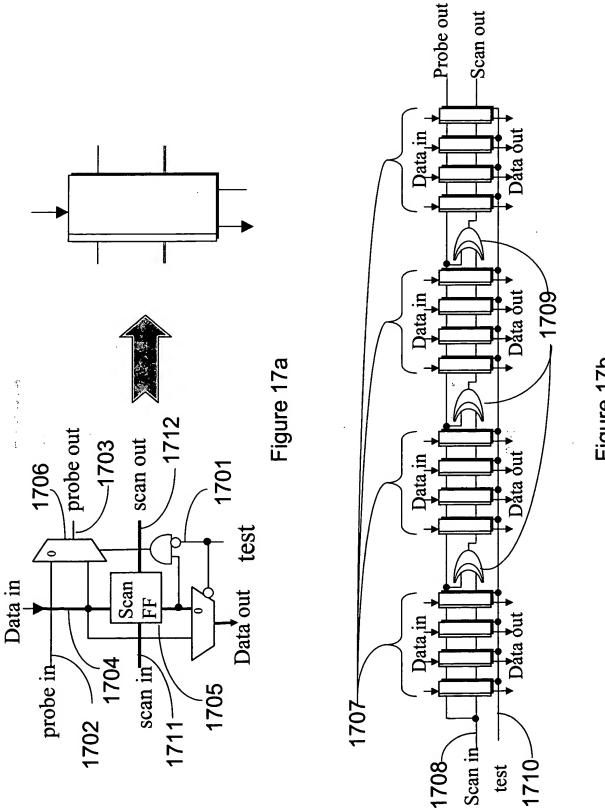


Figure 17b

